MD. SOHEL RANA

+88 01787962459 mrsohelcse@gmail.com linkedin.com/in/mrsohel github.com/mr-sohel
Dhaka, Bangladesh

PROFESSIONAL SUMMARY

Software Engineer with hands-on experience building web applications and REST APIs using C#, ASP.NET Core, EF Core, and SQL Server. Strong problem-solving background with 1500+ solved problems and ICPC Asia Dhaka Regional experience, complemented by practical experience in Docker, AWS, automated testing, and software architecture.

EDUCATION

BSc in Computer Science & Engineering **CGPA: 3.52/4.00**
Bangladesh University of Business and Technology - BUBT **Expected Graduation: December 2026**
Coursework: Data Structures, Algorithms, OOP, DBMS, Machine Learning

SKILLS

Languages: C#, C++, Python, SQL, TypeScript
Backend: ASP.NET Core MVC, Web API, EF Core, SQL Server, REST APIs, Redis
Engineering: OOP, SOLID, Clean Architecture, CQRS, Design Patterns, Git/GitHub, Unit Testing
Frontend & DevOps: Angular, Razor, Tailwind CSS, Docker, AWS, GitHub Actions, Linux

PROJECTS

SellWise — AI Sales Analytics & Inventory SaaS Repo/Demo

- Architected a multi-tenant retail SaaS with store-isolated data access, RBAC, and ACID POS transactions across 4 sales channels using ASP.NET Core MVC, EF Core, and SQL Server.
- Implemented RFM customer segmentation, expense tracking, inventory alerts, printable invoices, and sales/inventory/audit reporting.
- Integrated a FastAPI + Meta Prophet forecasting service for 30-day demand prediction with Redis caching and EWMA fallback.
- Containerized the application and database with Docker; built the frontend with Bootstrap and Chart.js.
- **Stack:** C#, ASP.NET Core MVC, EF Core, SQL Server, Docker, Python, FastAPI, Meta Prophet, Redis, Bootstrap, Chart.js, QuestPDF.

COMPETITIVE PROGRAMMING

- Codeforces: Mr_Sohel — **Rating: 1422** (**Specialist**, Top **15%**)
- CodeChef: Mr_Sohel — **Rating: 1623** (**3 Star Coder**, Top **7%**)
- LeetCode: Mr_Sohel — **Rating: 1653** (Top **17.43%**)

Solved over **1500** algorithmic problems and participated in **140+** online contests. [Problem Solving Statistics]

ACHIEVEMENTS

- Advanced to **Round 2** of Meta Hacker Cup 2025 among 13,779 global participants. Certificate
- **2-Time Champion** at Intra University Programming Contest among 100+ teams with BUBT Mudbloods. Standings
- **2nd Runner-up** at UAP Inter University Programming Contest among 80+ teams with BUBT Mudbloods. Standings
- **ICPC Dhaka Regional Honorable Mention** in 2025 and **157th place** in 2024 with BUBT Mudbloods. ICPC Profile
- **Problem Setter** for BUBT Intra University Programming Contest – BIUPC Summer 2026 Contest Link

VOLUNTEER & LEADERSHIP

Competitive Programming Instructor, BUBT CP Community August 2024 – April 2026

- Mentored 50+ students in C/C++, data structures, algorithms, and competitive programming through weekly training sessions.
- Designed and organized programming contests on online judge platforms, including problem preparation and judging.